GEOLOGICAL SURVEY

107° 52′30″ 40° 45′

R. 92 W.

47'30"

R. 93 W.

PLATE I7 OF 24

EXPLANATION

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 100 feet (31 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

0 552

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach).

E - Emerson

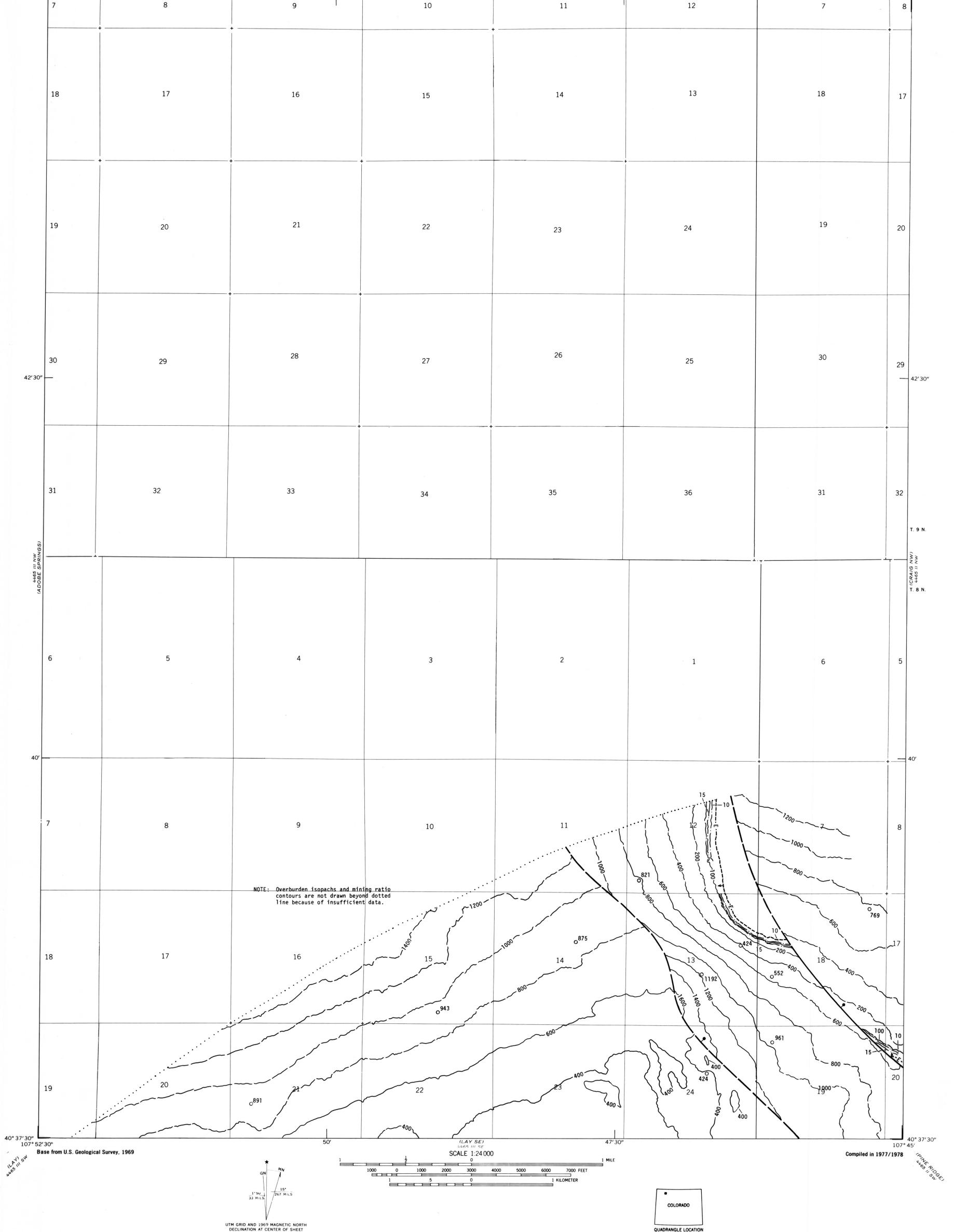
COAL BED SYMBOL AND NAME

____E____

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Short dashed where inferred by present authors.

TRACE OF FAULT - Bar and ball on down-thrown side. Dashed where inferred by present authors.

To convert feet to meters, multiply feet by 0.3048.



This report has not been edited for conformity with U.S. Geological Survey editorial standards of stratigraphic nomenclature.

PLATE 17
OVERBURDEN ISOPACH AND MINING
RATIO MAP OF THE EMERSON
COAL BED